

ANTENNA FOR MOBILE RADIOTRANSMISSIONS EQUIPMENT

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Cited documents:

-  WO9414208
-  DE29722794U
-  WO9845893
-  WO9829968
-  WO9428595

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A new category of antennas for mobile communications devices specifically designed for reducing the emitted power dissipated within biological tissues of the user of the device. The antenna, operating in a single or a multiple band of frequencies, is constituted by an array of radiating elements fed with relative powers and phases specifically chosen to yield, through superposition effects, a small electric field in a region close to the antenna and normally occupied by biological tissues of the user of the device and thus reducing the SAR within said region.

